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28584 7590 03/09/2007

STALLMAN & POLLOCK LLP
 353 SACRAMENTO STREET
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Georgia K. Stith (Depositor's name)
 Georgia K. Stith (Signature)
 June 7, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,603	03/08/2004	Alex Salnik	TWI-24910	1794

TITLE OF INVENTION: CHARACTERIZATION OF ULTRA SHALLOW JUNCTIONS IN SEMICONDUCTOR WAFERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES NO	\$700 \$1400	\$300	\$0	\$1000 \$1700	06/11/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
LYONS, MICHAEL A	2877	356-432000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page:
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

THERMA-WAVE, INC.

1250 Reliance Way, Fremont, CA 94539

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 5

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-1703 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Michael A. Stallman

Date June 7, 2007

Typed or printed name Michael A. Stallman

Registration No. 29,444

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Alex Salnik et al.

Application No.: 10/796,603

Filed: March 8, 2004

For: CHARACTERIZATION OF ULTRA
SHALLOW JUNCTIONS IN
SEMICONDUCTOR WAFERS

Confirmation No.: 1794

Group Art Unit: 2877

Examiner: Michael A. Lyons

SUBMISSION OF ISSUE FEE353 Sacramento Street, Suite 2200
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M/S ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF MAILINGI hereby certify that this correspondence is being deposited
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STALLMAN & POLLOCK LLPDated: 06/7/2007By: Georgia K. Stiff

Georgia K. Stiff

Per the Notice of Allowance and Issue Fee Due which was mailed March 9, 2007,
enclosed for filing in the above-captioned case are form PTOL-85b and a check for \$1,715.00 to
cover the issue fee of \$1,400.00, the publication fee of \$300.00 and the payment of \$15.00 for
ordering five (5) advanced copies of the patent upon issuance.

The Commissioner is hereby authorized to charge any deficiency in the fees filed,
asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in
this application by this firm) to our Deposit Account No. 50-1703, under Order No. TWI-24910.

A duplicate copy of this sheet is enclosed.

Respectfully submitted,

STALLMAN & POLLOCK LLP

Dated: June 7, 2007By: Michael A. StallmanMichael A. Stallman
Reg. No. 29,444

Attorneys for Applicant(s)

Atty Docket No.: TWI-24910